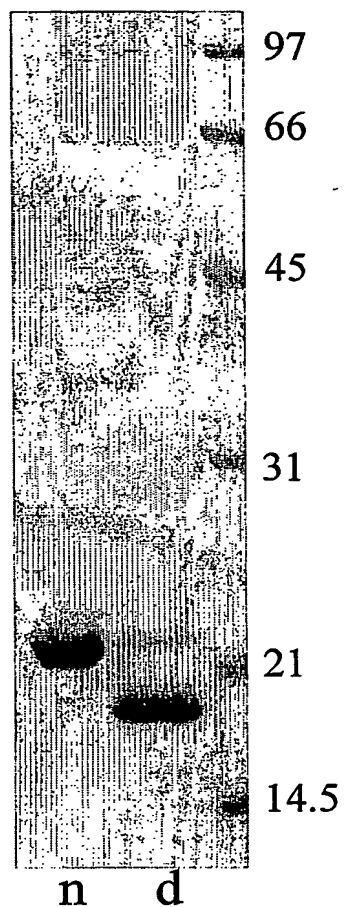


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Figure 1



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Figure 2

## NspA-DNA

GAAGGCGCATCCGGCTTTTACGTCCAAGCCGATGCCGCACACGCAAAGCCTCAAGCTCTTTA  
GGTTCTGCCAAAGGCTTCAGCCCGCGCATCTCCGCAGGCTACCGCATCAACGACCTCCGC  
TTCGCCGTCGATTACACGCGCTACAAAACTATAAAGCCCATCCACCGATTTCAAACCTT  
TACAGCATCGGCGCGTCCGCCATTTACGACTTCGACACCCAATCGCCCGTCAAACCGTAT  
CTCGGCGCGCGCTTGAGCCTCAACCGCGCCTCCGTCGACTTGGGCGGCAGCGACAGCTTC  
AGCCAAACCTCCATCGGCCTCGGCGTATTGACGGGCGTAAGCTATGCCGTTACCCCGAAT  
GTCGATTTGGATGCCGGCTACCGCTACAACCTACATCGGCAAAGTCAACACTGTCAAAAAC  
GTCCGTTCCGGCGAACTGTCCGCCGGTGTGCGCGTCAAATTCTGA

## NspA-protein

EGASGFYVQADAAHAKASSSLGSAKGFSPRISAGYRINDLRFAVDYTRYKNYKAPSTDFKLYSIGASAIYDFDTQSPVKP  
YLGARLSLNRASVDLGGSDSFSQTSIGLGVLTVGSYAVTPNVDL DAGYRYNYIGKVNTVKNVRSGELSAGVRVKF

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Figure 3

## NspA H44/76 seq

ATGAAAAAAGCACTTGCCACACTGATTGCCCTCGCTCTCCCGGCCGCCGCACTGGCGGAAGGCGCATCCGGCTTTTACGT  
CCAAGCCGATGCCGCACACGCAAAAGCCTCAAGCTCTTTAGGTTCTGCCAAAGGCTTCAGCCCGCGCATCTCCGCAGGCT  
ACCGCATCAACGACCTCCGCTTCGCCGTCGATTACACGCGCTACAAAACTATAAAGCCCCATCCACCGATTTCAAACCTT  
TACAGCATCGGCGCGTCCGCCATTTACGACTTCGACACCCAATCGCCCGTCAAACCGTATCTCGGCGCGCGCTTGAGCCT  
CAACCGCGCCTCCGTCGACTTGCGCGGCAGCGACAGCTTCAGCCAAACCTCCATCGGCCTCGGCGTATTGACGGGCGTAA  
3CTATGCCGTTACCCCGAATGTCGATTTGGATGCCGGCTACCGCTACAACCTACATCGGCAAAGTCAACACTGTCAAAAC  
3TCCGTTCCGGCGAACTGTCCGTCGGCGTGCGCGTCAAATTCTGA

## NspA H44/76 pro

MKKALATLIALALPAAALAEASGFYVQADAAHAKASSSLGSAKGFSPRISAGYRINDLRFVVDYTRYKNYKAPSTDFKL  
YSIGASAIYDFDTQSPVKPYLGARLSLNRASVDLGGSDSFSQTSIGLGVLTVGSYAVTPNVDLDAGYRYNYIGKVNTVKN  
VRSGELSVGVRVKF.